



National Load Despatch Centre
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
CIN No.: U40105DL2009GOI188682
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 08th Jan 2021

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यपालक निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 28th Dec-2020 to 03rd Jan-2021.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 28 दिसंबर -2020 से 03 जनवरी-2021, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उपलब्ध है :-

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 28th Dec-2020 to 03rd Jan-2021 is available at the NLDC website.

Thanking You.

Yours faithfully,

Sr. DGM(SO)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (28 दिसंबर 2020 से 03 जनवरी 2021 तक)

रिपोर्टिंग तिथि:-

8-Jan-21

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

| दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|
| | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) | अधिकतम मांग आपूर्ति (मे०वा०) | आधिकतम कमी (मे०वा०) |
| 28-12-2020 | 53329 | 550 | 52320 | | 40395 | | 18461 | | 2542 | 8 | 167047 | 558 |
| 29-12-2020 | 52951 | 550 | 52145 | | 40909 | | 18383 | 40 | 2525 | 37 | 166913 | 627 |
| 30-12-2020 | 54199 | 550 | 51692 | | 40761 | | 19076 | | 2583 | 24 | 168311 | 574 |
| 31-12-2020 | 53378 | 870 | 51158 | | 39539 | | 18555 | 149 | 2539 | 48 | 165169 | 1067 |
| 01-01-2021 | 52357 | 550 | 49548 | | 37166 | | 17301 | 102 | 2390 | 47 | 158762 | 699 |
| 02-01-2021 | 50711 | 930 | 51356 | | 39773 | | 17890 | | 2523 | 29 | 162253 | 959 |
| 03-01-2021 | 45222 | 675 | 49437 | | 35566 | | 17651 | 74 | 2429 | 31 | 150305 | 780 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|
| | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) | ऊर्जा आपूर्ति (मि०यू०) | पनबिजली उत्पादन (मि०यू०) |
| 28-12-2020 | 1014 | 111 | 1236 | 42 | 936 | 83 | 364 | 32 | 44 | 12 | 3594 | 280 |
| 29-12-2020 | 1043 | 105 | 1234 | 40 | 950 | 82 | 372 | 33 | 43 | 12 | 3642 | 272 |
| 30-12-2020 | 1058 | 104 | 1230 | 50 | 956 | 90 | 379 | 34 | 44 | 13 | 3666 | 292 |
| 31-12-2020 | 1039 | 105 | 1235 | 53 | 928 | 94 | 381 | 36 | 44 | 12 | 3626 | 300 |
| 01-01-2021 | 1043 | 102 | 1209 | 49 | 890 | 71 | 364 | 32 | 43 | 11 | 3549 | 264 |
| 02-01-2021 | 1008 | 98 | 1222 | 54 | 905 | 85 | 358 | 32 | 43 | 11 | 3536 | 281 |
| 03-01-2021 | 916 | 100 | 1206 | 47 | 863 | 69 | 352 | 30 | 43 | 11 | 3380 | 256 |

3. आवृत्ति (प्रतिशत समय में)

| तिथि | 49.8-49.9 | <49.9 | 49.9-50.05 | >50.05 | Average | FVI |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड | ऑ० इ० ग्रिड |
| 28-12-2020 | 2.93 | 2.93 | 74.09 | 22.99 | 50.02 | 0.027 |
| 29-12-2020 | 6.20 | 7.29 | 75.19 | 17.52 | 50.00 | 0.040 |
| 30-12-2020 | 9.77 | 10.01 | 77.16 | 12.82 | 49.98 | 0.041 |
| 31-12-2020 | 11.16 | 12.58 | 77.07 | 10.35 | 49.97 | 0.050 |
| 01-01-2021 | 3.29 | 4.07 | 76.67 | 19.26 | 50.01 | 0.033 |
| 02-01-2021 | 7.67 | 7.73 | 74.87 | 17.40 | 50.00 | 0.035 |
| 03-01-2021 | 5.68 | 5.68 | 79.13 | 15.19 | 49.99 | 0.033 |

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

| Region | Date | 28-12-2020 | | 29-12-2020 | | 30-12-2020 | | 31-12-2020 | | 01-01-2021 | | 02-01-2021 | | 03-01-2021 | |
|--------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| | States | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage |
| NR | Punjab | 6250 | 0 | 6276 | 0 | 6386 | 0 | 6014 | 0 | 6516 | 0 | 5898 | 0 | 5809 | 0 |
| | Haryana | 6678 | 0 | 6657 | 0 | 6693 | 0 | 6574 | 0 | 6270 | 0 | 6403 | 0 | 5480 | 0 |
| | Rajasthan | 13744 | 0 | 13813 | 0 | 13803 | 0 | 13784 | 0 | 14088 | 0 | 13720 | 0 | 13368 | 0 |
| | Delhi | 4229 | 0 | 4376 | 0 | 4608 | 0 | 4634 | 0 | 4918 | 1 | 4233 | 0 | 4046 | 0 |
| | UP | 17695 | 0 | 18185 | 0 | 18126 | 0 | 17968 | 170 | 17642 | 0 | 17169 | 0 | 14631 | 0 |
| | Uttarakhand | 2208 | 0 | 2188 | 0 | 2218 | 0 | 2203 | 0 | 2232 | 0 | 2225 | 0 | 1970 | 0 |
| | HP | 1706 | 0 | 1876 | 0 | 1892 | 31 | 1880 | 0 | 1859 | 0 | 1866 | 0 | 1729 | 0 |
| | J&K | 3176 | 550 | 3017 | 550 | 2772 | 550 | 2919 | 550 | 2754 | 550 | 2916 | 550 | 2359 | 450 |
| | Chandigarh | 250 | 0 | 255 | 0 | 272 | 0 | 273 | 0 | 285 | 0 | 264 | 0 | 232 | 0 |
| WR | Chhattisgarh | 4086 | 0 | 4076 | 0 | 4024 | 0 | 4084 | 28 | 4067 | 0 | 4032 | 0 | 4044 | 0 |
| | Gujarat | 16557 | 0 | 16250 | 0 | 15976 | 0 | 16758 | 0 | 16505 | 0 | 16936 | 0 | 16371 | 0 |
| | MP | 15432 | 0 | 15234 | 0 | 15547 | 0 | 15447 | 0 | 15425 | 0 | 15076 | 0 | 14790 | 0 |
| | Maharashtra | 23086 | 0 | 23181 | 0 | 23403 | 0 | 23125 | 0 | 22156 | 0 | 22881 | 0 | 22479 | 0 |
| | Goa | 492 | 0 | 458 | 0 | 480 | 0 | 488 | 0 | 490 | 0 | 504 | 0 | 494 | 0 |
| | DD | 324 | 0 | 332 | 0 | 328 | 0 | 315 | 0 | 269 | 0 | 316 | 0 | 295 | 0 |
| | DNH | 816 | 0 | 829 | 0 | 835 | 0 | 808 | 0 | 757 | 0 | 809 | 0 | 797 | 0 |
| | Essar steel | 880 | 0 | 827 | 0 | 861 | 0 | 848 | 0 | 838 | 0 | 756 | 0 | 802 | 0 |
| SR | Andhra Pradesh | 8459 | 0 | 8601 | 0 | 8885 | 0 | 8934 | 0 | 8804 | 0 | 8648 | 0 | 8505 | 0 |
| | Telangana | 10742 | 0 | 10946 | 0 | 11019 | 0 | 11316 | 0 | 11302 | 0 | 11044 | 0 | 10745 | 0 |
| | Karnataka | 11950 | 0 | 11859 | 0 | 12102 | 0 | 11331 | 0 | 11706 | 0 | 11556 | 0 | 11008 | 0 |
| | Kerala | 3624 | 0 | 3680 | 0 | 3706 | 0 | 3531 | 0 | 3459 | 0 | 3480 | 0 | 3209 | 0 |
| | Tamil Nadu | 13966 | 0 | 14238 | 0 | 13811 | 0 | 12899 | 0 | 11864 | 0 | 12401 | 0 | 11101 | 0 |
| | Pondy | 348 | 0 | 334 | 0 | 355 | 0 | 347 | 0 | 332 | 0 | 340 | 0 | 298 | 0 |
| ER | Bihar | 4942 | 0 | 4921 | 0 | 4855 | 0 | 5003 | 0 | 4582 | 0 | 4836 | 0 | 4809 | 0 |
| | DVC | 3060 | 0 | 3035 | 0 | 3131 | 0 | 3109 | 0 | 3033 | 0 | 3050 | 0 | 3027 | 0 |
| | Jharkhand | 1461 | 0 | 1489 | 0 | 1574 | 0 | 1597 | 149 | 1625 | 102 | 1546 | 0 | 1496 | 0 |
| | Odisha | 3871 | 0 | 3906 | 0 | 4428 | 0 | 4404 | 0 | 3769 | 0 | 3870 | 0 | 3860 | 0 |
| | West Bengal | 6285 | 0 | 6331 | 0 | 6271 | 0 | 6281 | 0 | 5622 | 0 | 5671 | 0 | 5626 | 0 |
| | Sikkim | 144 | 0 | 144 | 0 | 141 | 0 | 128 | 0 | 105 | 0 | 119 | 0 | 123 | 0 |
| NER | Arunachal Pradesh | 123 | 1 | 122 | 1 | 138 | 1 | 133 | 1 | 131 | 1 | 137 | 2 | 137 | 2 |
| | Assam | 1404 | 3 | 1392 | 28 | 1423 | 22 | 1423 | 22 | 1325 | 20 | 1390 | 15 | 1362 | 15 |
| | Manipur | 215 | 1 | 214 | 2 | 248 | 2 | 248 | 2 | 215 | 1 | 233 | 1 | 233 | 1 |
| | Meghalaya | 368 | 0 | 377 | 0 | 386 | 0 | 386 | 0 | 333 | 0 | 377 | 0 | 377 | 0 |
| | Mizoram | 111 | 1 | 112 | 2 | 120 | 2 | 103 | 2 | 104 | 1 | 110 | 1 | 110 | 1 |
| | Nagaland | 130 | 2 | 129 | 1 | 143 | 1 | 142 | 1 | 130 | 1 | 136 | 1 | 136 | 1 |
| | Tripura | 211 | 1 | 217 | 0 | 217 | 0 | 217 | 0 | 217 | 0 | 216 | 0 | 219 | 0 |

6. Energy Consumption in States (MUs)

| Region | States | 28-12-2020 | 29-12-2020 | 30-12-2020 | 31-12-2020 | 01-01-2021 | 02-01-2021 | 03-01-2021 |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR | Punjab | 118.2 | 124.0 | 124.7 | 120.2 | 124.3 | 116.3 | 108.6 |
| | Haryana | 129.2 | 135.6 | 135.9 | 133.0 | 127.8 | 123.9 | 110.0 |
| | Rajasthan | 258.8 | 264.2 | 265.9 | 263.9 | 264.4 | 258.3 | 245.4 |
| | Delhi | 69.2 | 70.6 | 76.0 | 76.0 | 77.0 | 70.5 | 67.9 |
| | UP | 306.8 | 312.1 | 316.6 | 308.7 | 313.6 | 304.6 | 264.2 |
| | Uttarakhand | 41.0 | 41.8 | 42.3 | 41.8 | 40.2 | 41.5 | 36.7 |
| | HP | 32.0 | 35.0 | 34.9 | 34.2 | 33.2 | 33.8 | 31.1 |
| | J&K | 54.4 | 55.0 | 57.2 | 56.4 | 57.6 | 54.3 | 48.8 |
| Chandigarh | 4.2 | 4.2 | 4.6 | 4.4 | 4.5 | 4.5 | 3.8 | |
| WR | Chhattisgarh | 85.5 | 87.3 | 86.2 | 87.7 | 85.3 | 85.1 | 86.6 |
| | Gujarat | 338.2 | 335.1 | 330.7 | 337.0 | 334.5 | 339.7 | 330.9 |
| | MP | 298.0 | 298.0 | 300.2 | 300.8 | 295.4 | 293.1 | 286.9 |
| | Maharashtra | 456.0 | 459.0 | 458.1 | 453.7 | 442.4 | 454.0 | 448.4 |
| | Goa | 13.2 | 10.2 | 10.3 | 10.4 | 10.3 | 10.4 | 10.5 |
| | DD | 7.1 | 7.3 | 6.8 | 7.1 | 6.1 | 6.7 | 6.7 |
| | DNH | 18.7 | 19.0 | 19.1 | 18.8 | 17.3 | 18.2 | 18.6 |
| | Essar steel | 19.6 | 18.4 | 18.2 | 19.2 | 17.8 | 15.2 | 17.5 |
| SR | Andhra Pradesh | 167.1 | 166.0 | 165.9 | 162.6 | 156.4 | 163.0 | 157.6 |
| | Telangana | 199.6 | 204.0 | 206.9 | 208.6 | 204.8 | 206.4 | 202.1 |
| | Karnataka | 212.2 | 216.3 | 216.7 | 212.3 | 207.0 | 208.5 | 198.9 |
| | Kerala | 70.5 | 72.2 | 74.5 | 72.9 | 68.7 | 68.8 | 64.5 |
| | Tamil Nadu | 280.0 | 284.9 | 285.1 | 264.8 | 246.3 | 251.7 | 233.6 |
| | Pondy | 6.6 | 6.5 | 7.0 | 6.7 | 6.5 | 6.7 | 6.2 |
| ER | Bihar | 86.7 | 86.7 | 86.4 | 87.2 | 87.7 | 82.7 | 85.1 |
| | DVC | 65.1 | 65.7 | 65.0 | 66.7 | 65.5 | 63.5 | 64.6 |
| | Jharkhand | 27.6 | 27.9 | 27.6 | 27.2 | 26.9 | 26.3 | 25.8 |
| | Odisha | 70.8 | 72.8 | 81.6 | 81.1 | 68.4 | 70.4 | 70.7 |
| | West Bengal | 111.1 | 116.1 | 115.9 | 116.9 | 113.8 | 113.2 | 103.9 |
| | Sikkim | 2.3 | 2.4 | 2.3 | 2.1 | 1.8 | 2.0 | 2.0 |
| NER | Arunachal Pradesh | 2.2 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 |
| | Assam | 24.2 | 24.0 | 24.0 | 24.3 | 24.0 | 23.0 | 22.9 |
| | Manipur | 3.1 | 3.0 | 3.1 | 3.1 | 3.0 | 3.0 | 3.3 |
| | Meghalaya | 6.8 | 6.6 | 6.8 | 6.8 | 6.7 | 6.8 | 6.6 |
| | Mizoram | 2.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 |
| | Nagaland | 2.5 | 2.3 | 2.4 | 2.3 | 2.3 | 2.2 | 2.3 |
| | Tripura | 3.6 | 3.4 | 3.5 | 3.7 | 3.6 | 3.6 | 3.8 |
| ALL INDIA TOTAL | | 3594.0 | 3641.6 | 3665.9 | 3626.1 | 3548.8 | 3535.7 | 3380.1 |

**भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

साप्ताहिक रिपोर्ट (28 दिसंबर 2020 से 03 जनवरी 2021 तक)

| दिनांक Date | भूटान BHUTAN | | नेपाल NEPAL | | | बांग्लादेश BANGLADESH | | |
|-------------|-----------------|------------------|-----------------|---------------|------------------|-----------------------|---------------|------------------|
| | Energy Exchange | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) | Energy Exchange | Day Peak (MW) | Day Average (MW) |
| 28-12-2020 | 6.3 | 262 | -11.2 | -609 | -465 | -15.7 | -824 | -653 |
| 29-12-2020 | 6.2 | 257 | -11.5 | -646 | -479 | -15.7 | -931 | -653 |
| 30-12-2020 | 5.2 | 216 | -11.3 | -636 | -473 | -15.7 | -935 | -655 |
| 31-12-2020 | 6.1 | 254 | -11.7 | -617 | -487 | -16.1 | -934 | -670 |
| 01-01-2021 | 6.1 | 255 | -10.9 | -566 | -456 | -13.1 | -826 | -544 |
| 02-01-2021 | 5.9 | 246 | -11.0 | -594 | -459 | -15.4 | -936 | -642 |
| 03-01-2021 | 5.8 | 240 | -11.3 | -623 | -470 | -16.4 | -936 | -685 |
| कुल Total | 41.5 | | -78.9 | | | -108.0 | | |

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (28 दिसंबर 2020 से 03 जनवरी 2021 तक)

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)]

| दिनांक | 28-12-2020 | 29-12-2020 | 30-12-2020 | 31-12-2020 | 01-01-2021 | 02-01-2021 | 03-01-2021 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North | -67.4 | -69.8 | -73.6 | -74.1 | -76.5 | -84.6 | -75.3 |
| East to West | 2.6 | 13.1 | 25.2 | 25.0 | 15.9 | 10.4 | 13.9 |
| East to South | -100.3 | -101.5 | -98.6 | -96.7 | -87.9 | -89.2 | -92.4 |
| East to North-East | 2.6 | 6.1 | 7.4 | 11.3 | 10.3 | 9.6 | 9.6 |
| North-East to North | 7.3 | 9.6 | 10.8 | 11.3 | 10.6 | 9.6 | 9.2 |
| West to North | -190.9 | -225.3 | -233.7 | -225.5 | -224.2 | -201.0 | -159.5 |
| West to South | -80.9 | -76.8 | -73.3 | -72.7 | -51.2 | -57.5 | -54.0 |